

**WE CLAIM:**

1. A computer program product for controlling a computer, said computer  
5 program product comprising:

malware infection detecting logic operable to detect a malware infection of at  
least one computer; and

device disabling logic operable upon detection of said malware infection to  
disable operation of one or more data I/O devices of said at least one computer.

10 2. A computer program product as claimed in claim 1, wherein said malware  
infection detection logic detects a malware infection by one or more of:

positively identifying an item of malware upon said at least one computer; and  
15 identifying behaviour of said at least one computer indicative of malware  
infection.

3. A computer program product as claimed in claim 1, wherein said one or more  
data I/O devices include one or more of:

20 a floppy disk drive;  
a compact disk drive;  
a removable media drive; and  
a network interface card.

25 4. A computer program product as claimed in claim 1, wherein said device  
disabling logic is operable upon detection of malware infection to disable at least one  
data I/O device of at least one further computer.

5. A computer program product as claimed in claim 1, wherein said device  
disabling logic is operable to require user confirmation prior to disabling said one or  
30 more data I/O devices.

6. A computer program product as claimed in claim 1, wherein said device  
disabling logic is operable to disable said one or more data I/O devices using an API  
call to an operating system of said at least one computer.

7. A computer program product for controlling a computer, said computer program product comprising:

device disabling logic operable upon receipt by a computer of a command indicative of malware infection precautions being taken to disable operation of one or more data I/O devices of said computer.

8. A computer program product as claimed in claim 7, wherein said one or more data I/O devices include one or more of:

a floppy disk drive;  
a compact disk drive;  
a removable media drive; and  
a network interface card.

9. A computer program product as claimed in claim 7, wherein said device disabling logic is operable to disable said one or more data I/O devices using an API call to an operating system of said at least one computer.

10. A computer program product for controlling a computer, said computer program product comprising:

user input logic operable to receive a user input indicative of activating precautions against a malware infection; and

device disabling logic operable upon receipt of said user input to disable operation of one or more data I/O devices of said at least one computer.

11. A computer program product as claimed in claim 10, wherein said one or more data I/O devices include one or more of:

a floppy disk drive;  
a compact disk drive;  
a removable media drive; and  
a network interface card.

12. A computer program product as claimed in claim 10, wherein said device disabling logic is operable upon detection of malware infection to disable at least one data I/O device of at least one further computer.

5 13. A computer program product as claimed in claim 10, wherein said device disabling logic is operable to disable said one or more data I/O devices using an API call to an operating system of said at least one computer.

10 14. A method of protecting against malware infection, said method comprising the steps of:

detecting a malware infection of at least one computer; and  
upon detection of said malware infection disabling operation of one or more data I/O devices of said at least one computer.

15 15. A method as claimed in claim 14, wherein detection of a malware infection is by one or more of:

positively identifying an item of malware upon said at least one computer; and  
identifying behaviour of said at least one computer indicative of malware infection.

20 16. A method as claimed in claim 14, wherein said one or more data I/O devices include one or more of:

a floppy disk drive;  
a compact disk drive;  
25 a removable media drive; and  
a network interface card.

17. A method as claimed in claim 14, wherein upon detection of malware infection at least one data I/O device of at least one further computer is disabled.

30 18. A method as claimed in claim 14, wherein user confirmation is required prior to disabling said one or more data I/O devices.

19. A method as claimed in claim 14, wherein disabling said one or more data I/O devices uses an API call to an operating system of said at least one computer.

20. A method of protecting against malware infection, said method comprising the steps of:

upon receipt by a computer of a command indicative of malware infection precautions being taken disabling operation of one or more data I/O devices of said computer.

21. A method as claimed in claim 20, wherein said one or more data I/O devices include one or more of:

a floppy disk drive;  
a compact disk drive;  
a removable media drive; and  
a network interface card.

22. A method as claimed in claim 20, wherein disabling said one or more data I/O devices uses an API call to an operating system of said at least one computer.

23. A method of protecting against malware infection, said method comprising the steps of:

receiving a user input indicative of activating precautions against a malware infection; and

upon receipt of said user input disabling operation of one or more data I/O devices of said at least one computer.

24. A method as claimed in claim 23, wherein said one or more data I/O devices include one or more of:

a floppy disk drive;  
a compact disk drive;  
a removable media drive; and  
a network interface card.

25. A method as claimed in claim 23, wherein upon detection of malware infection disabling at least one data I/O device of at least one further computer.

26. A method as claimed in claim 23, wherein disabling said one or more data I/O  
5 devices uses an API call to an operating system of said at least one computer.

27. Apparatus for protecting against malware infection, said apparatus comprising:

10 a malware infection detector operable to detect a malware infection of at least one computer; and

a device disabling unit operable upon detection of said malware infection to disable operation of one or more data I/O devices of said at least one computer.

28. Apparatus as claimed in claim 27, wherein said malware infection detector  
15 detects a malware infection by one or more of:

positively identifying an item of malware upon said at least one computer; and  
identifying behaviour of said at least one computer indicative of malware infection.

20 29. Apparatus as claimed in claim 27, wherein said one or more data I/O devices include one or more of:

a floppy disk drive;

a compact disk drive;

a removable media drive; and

25 a network interface card.

30 30. Apparatus as claimed in claim 27, wherein said device disabling unit is operable upon detection of malware infection to disable at least one data I/O device of at least one further computer.

31. Apparatus as claimed in claim 27, wherein said device disabling unit is operable to require user confirmation prior to disabling said one or more data I/O devices.

32. Apparatus as claimed in claim 27, wherein said device disabling unit is operable to disable said one or more data I/O devices using an API call to an operating system of said at least one computer.

5 33. Apparatus for protecting against malware infection, said apparatus comprising:

a device disabling unit operable upon receipt by a computer of a command indicative of malware infection precautions being taken to disable operation of one or more data I/O devices of said computer.

10 34. Apparatus as claimed in claim 33, wherein said one or more data I/O devices include one or more of:

a floppy disk drive;  
a compact disk drive;  
15 a removable media drive; and  
a network interface card.

20 35. Apparatus as claimed in claim 33, wherein said device disabling unit is operable to disable said one or more data I/O devices using an API call to an operating system of said at least one computer.

36. Apparatus for protecting against malware infection, said apparatus comprising:

25 a user input unit operable to receive a user input indicative of activating precautions against a malware infection; and

a device disabling unit operable upon receipt of said user input to disable operation of one or more data I/O devices of said at least one computer.

30 37. Apparatus as claimed in claim 36, wherein said one or more data I/O devices include one or more of:

a floppy disk drive;  
a compact disk drive;  
a removable media drive; and  
a network interface card.

38. Apparatus as claimed in claim 36, wherein said device disabling unit is operable upon detection of malware infection to disable at least one data I/O device of at least one further computer.

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39. Apparatus as claimed in claim 36, wherein said device disabling unit is operable to disable said one or more data I/O devices using an API call to an operating system of said at least one computer.